This course, developed and taught by engineers for engineers, teaches participants how to design intersections that provide safety and mobility for bicyclists and pedestrians. Participants will learn the principles and process of good intersection design for bicycle and pedestrian facilities, understand the relevant policies and standards, and learn how to apply them in a variety of settings, including retrofits of existing conditions and design of new facilities. Specific topics will include:

- Characteristics of bicyclist and pedestrian movement at intersections;
- Problem identification;
- Applicable policies and standards for design, including benefits and drawbacks for each mode of travel;
- Intersection treatment and design options;
- Selection and evaluation process for traffic control treatments at intersections;
- Design principles for bicycle and pedestrian movement, safety, and comfort;
- Key safety issues for bicyclists and pedestrians at intersections.

The course will include discussion of specific needs of bicyclists and pedestrians at intersections, and will feature a selection of intersection treatment innovations from abroad.

**Instructors**

**PETER KOONCE, PE**, is a transportation engineer and Technical Services Leader with Kittelson & Associates, Inc. He is an adjunct professor at Portland State University and has taught short courses for the University of Washington. He recently completed the Federal Highway Administration's Traffic Signal Timing Manual – a multimodal approach to signal timing with a focus on integrating policy and engineering decisions.

**JAMIE PARKS** is a transportation planner with Kittelson & Associates who works closely with engineers to develop appropriate non-motorized transportation solutions. He is developing tools to measure the safety and suitability of bicycle and pedestrian facilities, and is participating in the development of pedestrian and bicycle LOS measures for the multi-modal chapters of the 2010 Highway Capacity Manual.

**Sponsored by**

This course is sponsored by the Initiative for Bicycle and Pedestrian Innovation (ibpi). The IBPI’s purpose is to enhance policies, programs, and projects that promote pedestrian and bicycle travel through research, education, and outreach.

**For more information**

Contact the IBPI at 503-725-4024 or ibpi@pdx.edu

**Registration**

The fee for this professional development course is $295. This includes morning coffee, snacks, lunch, and course materials. The fee does not include travel, lodging, or other meals while in Eugene. To register for the program please use the form on the next page and fax or mail it in to our office. **Registration deadline is March 10, 2009.**

**Location**

University of Oregon’s Baker Center  
975 High Street, Downtown Eugene, Oregon
To Register: Mail, fax, email, or call in this form by March 10, 2009

Mail: IBPI Course Registration Center for Transportation Studies Portland State University - CTS PO Box 751 Portland, OR 97207-0751
Fax: 503-725-8480 Email: ibpi@pdx.edu Phone: 503-725-4024

Professional Development and Continuing Education
Courses offered by IBPI may satisfy continuing professional competency requirements for professional development as a condition for licensure or certification renewal. It is the responsibility of the individual to check with the certifying board or agency to determine if the course qualifies, and, in most cases, to maintain records to support credits claimed. IBPI provides a completion certificate for each course that documents attendance, course title, date, location and course instructor. Additional information can be provided upon request to satisfy certification requirements.

Participant Information
Name ______________________________
Title ______________________________
Organization ______________________________
Address ______________________________
City __________________ State ______ ZIP __________
Phone _________________ Fax _______________________
Email ______________________________

We will use email to confirm your registration and provide additional course information. If, after registering, you do not hear back from us in a timely manner, please contact us to confirm your registration.

Dietary Needs Vegetarian:________ Other: _____________________

Payment
☐ $295 - Includes morning coffee, snacks, lunch, and course materials.

Group Discounts: Groups of three or more from the same agency, registering at the same time, each receive a discount of $50 off the registration fee.

☐ Check enclosed. Make checks payable to Portland State University - IBPI
☐ Credit Card payment (Visa and Mastercard only)
  ☐ Visa ☐ Mastercard
  Card number _______________________________ Expiration _________
  Name on card ________________________________
  Signature ____________________________________

Refunds, credits & substitutions
To cancel your registration and receive a refund less a $50 processing fee, you must notify the Center for Transportation Studies at least three working days before the course is scheduled to begin. Notification must be made in writing, sent by e-mail to ibpi@pdx.edu, or by fax to 503.725.8480. In lieu of canceling a registration, you may send a substitute in your place by notifying us at least two working days before the class is scheduled to begin.

☐ When you register for a workshop, we’ll add you to our mailing list. Please check here if you DO NOT want to be added.